

<p>97-416221/39 A41 E17 J04 (E13)  CHINA PETROCHEMICAL GEN CO  94.06.04 94CN-105927 (95.12.27) B01J 23/72, 21/06, 23/80, 23/85  Catalyst for preparing 1,4-butane-diol and/or gamma-butyrolactone  C97-133387  Addnl. Data: TONG L, LI X, WANG H</p>	<p>CHPE- 94.06.04  *CN 1113831-A  A(1-E12) E(7-A2C, 10-E4B) J(4-E4) N(2-D1, 3, 3-B2,  3-D1, 3-F)</p>
<p>The catalyst for gas-phase hydrogenation preparation of 1,4-butanediol and/or gamma-butyrolactone has the following general formula: <math>Cu_aZnCr_bM_cO_x</math>, where <math>a = 0.1-10</math>, <math>b = 0.1-5</math>, <math>c = 0.1-5</math>. <math>a</math>, <math>b</math> and <math>c</math> respectively represent the number of atoms of Cu, Cr and M, and X is the number of oxygen atoms required for meeting the needs of valences of other elements. M is one element selected from IVB group, pref. Zr element.</p> <p><b>ADVANTAGE</b>  The catalyst is made by using conventional precipitation method, and has high activity, selectivity and stability.  (9ppDwgNo.0/0)</p>	<p>[CN 1113831-A]</p>